Comment on Maintenance of Solar Reflectance Part C

This section specifies exposure of panels in accordance with ASTM G 7, but does not specify the approved or preferred geographic locations(s). Test results differ significantly with the type of climate in which the roof products are exposed.

Tests in the U.S. are commonly carried out in either (or both) southern Florida or Arizona because solar radiant energy and temperature are highest in these locations. However, tests are also carried out in a climate with moderate solar radiant energy, temperature and moisture.

Therefore, the specification should include approved or preferred geographic locations and the Qualified Product Information Form should require information on the geographic location for maintenance of solar reflectance tested in accordance with Part C.

Norma D. Searle, Ph.D. Consultant in Weathering of Polymeric Materials

Tel. & Fax: 954-480-8938